

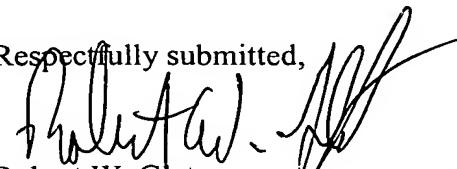
REMARKS

Applicants appreciate the thorough examination of the present application as reflected by the Office Action. Claims 1-12 and 27-43 stand rejected under 35 U.S.C. § 112 as being indefinite based on the recitation "ion region." Office Action, p. 2. More particularly, the Office Action states "does the designation 'ion region' mean simply that the dopant atoms originated as part of an ion beam, or does this mean that the dopant atoms must be electrically ionized within the lattice (either fully or perhaps only partially?)" Office Action, p. 2.

Applicants submit that, in these method claims, the term was not indefinite as "ion" was just a designation for reference to the region formed by ion implanting as recited in the independent claims. Nonetheless, to expedite issuance of the present application as a patent, Independent Claims 1, 27 and 32 and dependent Claims 10, 31 and 41 have been amended to delete the term "ion" from references to the "ion region." Additional recitations related to ion implanting are added in the dependent claims as Applicants felt reference simply to "the region" may have been confusing. Applicants respectfully request withdrawal of the Section 112 rejections in light of these amendments as the basis of the indefiniteness rejection has been fully addressed. Applicants further note that these amendments do not affect the scope of the claims and are presented merely to expedite issuance of the present application in light of the Examiner's concern.

Conclusion

In view of the above, Applicants submit that the pending claims are in condition for allowance and respectfully request allowance of the present application. If further informalities are noted, the Examiner is encouraged to contact the undersigned by telephone to expedite allowance of the present application.

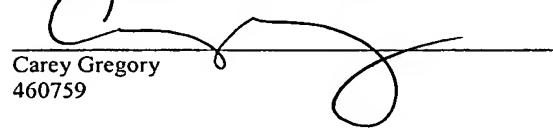
Respectfully submitted,

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In re: Oh et al.
Serial No.: 10/622,915
Filed: July 18, 2003
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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 17, 2005.


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